

For Research Use Only

# POU4F2 Polyclonal antibody

Catalog Number: 55042-1-AP **3 Publications**



## Basic Information

<b>Catalog Number:</b> 55042-1-AP	<b>GenBank Accession Number:</b> NM_004575	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 280 µg/ml by Nanodrop and 240 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 5458	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>Full Name:</b> POU class 4 homeobox 2	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 43 kDa	
	<b>Observed MW:</b> 40-44 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : L02 cells, mouse eye tissue, mouse brain tissue
<b>Cited Applications:</b> IF, WB	
<b>Species Specificity:</b> human, mouse	
<b>Cited Species:</b> human, mouse	

## Background Information

POU4F2, also named as BRN3.2, BRN3B and Brn-3b, belongs to the POU transcription factor family and Class-4 subfamily. It is a transcription factor. POU4F2 may play a role in determining or maintaining the identities of a small subset of visual system neurons. The antibody is specific to POU4F2.

## Notable Publications

Author	Pubmed ID	Journal	Application
Zuberwasim Sayyad	34023378	Neurochem Int	WB, IF
Deliang Zhu	32131893	Stem Cell Res Ther	
Zuberwasim Sayyad	29203899	Sci Rep	WB, IF

## Storage

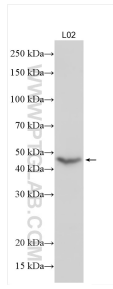
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



L02 cells were subjected to SDS PAGE followed by western blot with 55042-1-AP (POU4F2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.